

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
 Data File : BE098591.D
 Acq On : 29 Dec 2018 1:26
 Operator : SJ/JU
 Sample : J6489-09DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F9F86DL

Manual Integrations
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Quant Time: Dec 29 03:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 29 02:46:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	4451	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3114	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	7304m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7982m	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7558m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	420	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	1264m	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.65	128	375	0.031	ng/ul#	1
7) Acenaphthylene	14.19	152	324	0.024	ng/ul#	1
8) Acenaphthene	14.53	153	1505	0.143	ng/ul	96
9) Fluorene	15.52	166	13797	1.106	ng/ul	97
12) Phenanthrene	17.27	178	307362m	15.656	ng/ul	
13) Anthracene	17.36	178	13321m	0.810	ng/ul	
15) Fluoranthene	19.29	202	36476m	1.440	ng/ul	
17) Pyrene	19.65	202	95499	3.742	ng/ul	98
18) Benzo(a)anthracene	21.39	228	35956m	1.543	ng/ul	
19) Chrysene	21.45	228	62739m	2.173	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	12957m	0.560	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	2497m	0.098	ng/ul	
23) Benzo(a)pyrene	23.80	252	10479m	0.465	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.56	276	3944m	0.152	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	2447m	0.116	ng/ul	
26) Benzo(a,h,i)perylene	27.37	276	5420m	0.241	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

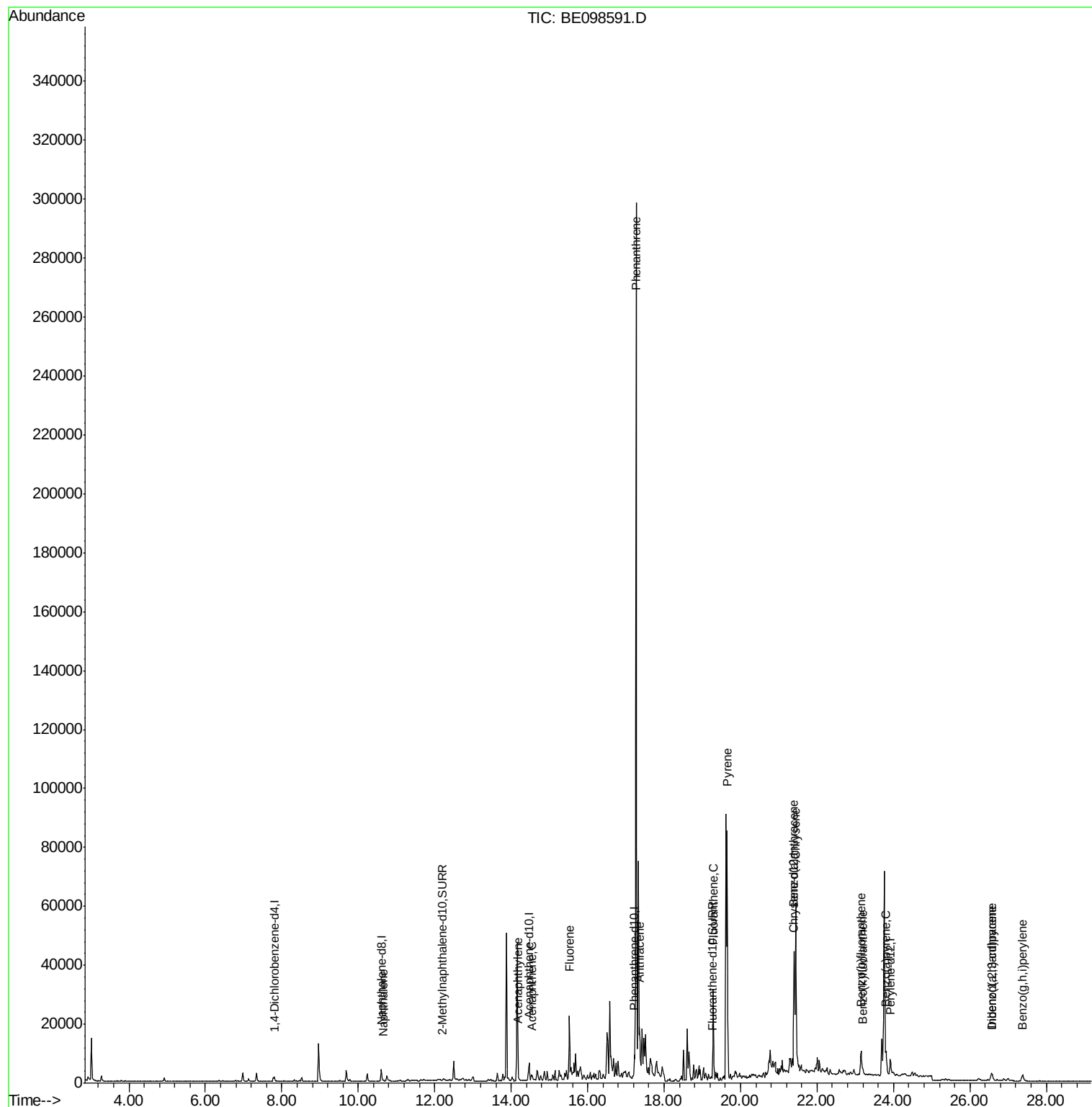
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098591.D
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Sample : J6489-09DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

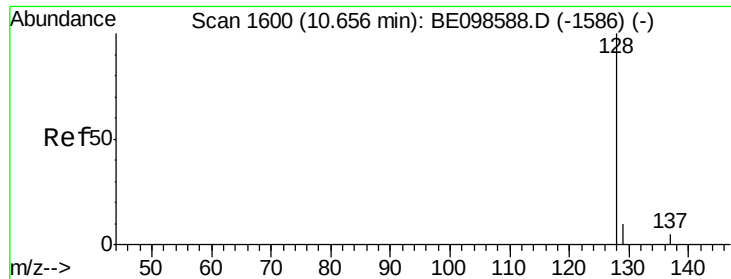
Instrument :
BNA_E
ClientSampleId :
F9F86DL

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Quant Time: Dec 29 03:56:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.65 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

ClientSampleID :

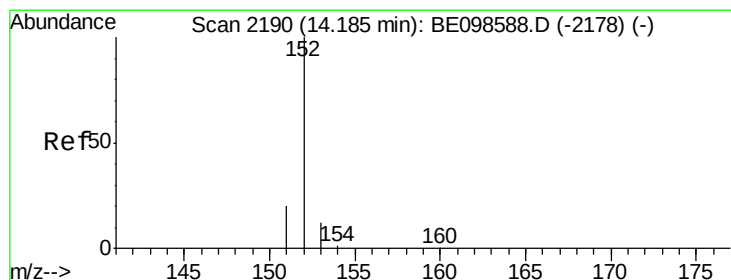
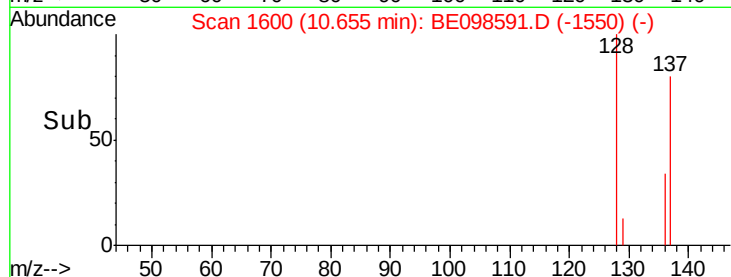
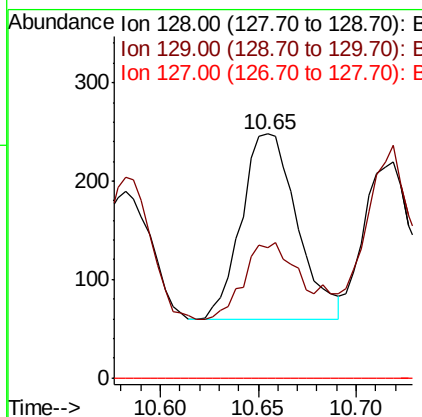
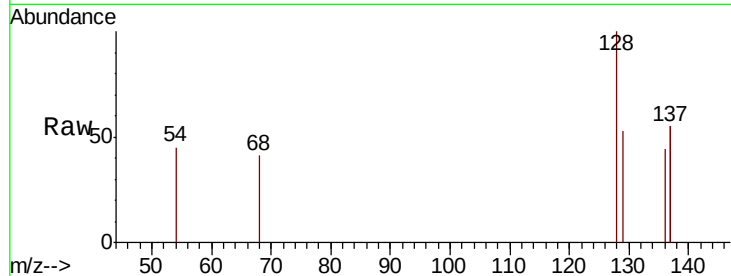
F9F86DL

Tot Ion:128 Resp: 375

Ion	Ratio	Lower	Upper
128	100		
129	53.2	10.5	15.7#
127	0.0	0.0	0.0

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#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.19 min Scan# 2191

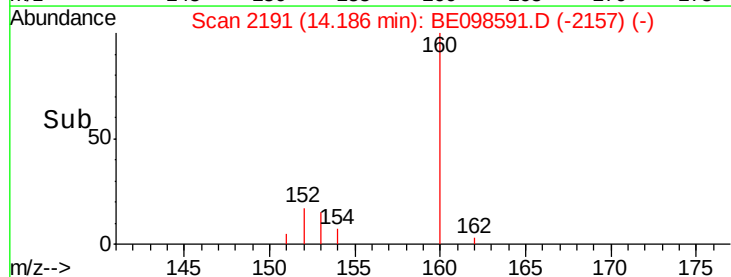
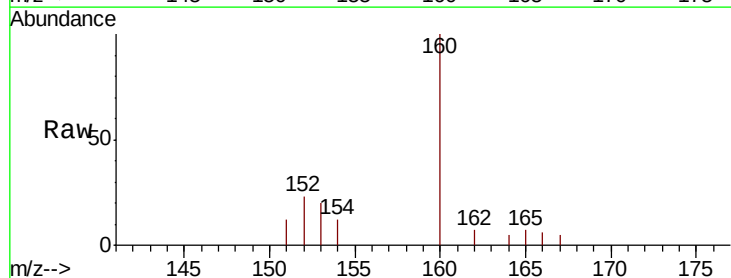
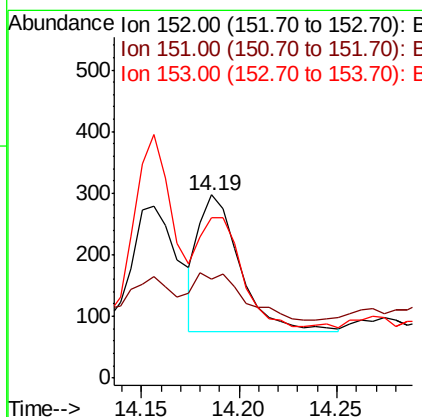
Delta R.T. 0.00 min

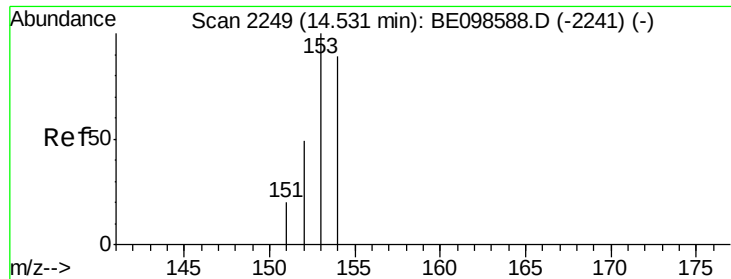
Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion:152 Resp: 324

Ion	Ratio	Lower	Upper
152	100		
151	54.2	17.3	25.9#
153	87.9	11.9	17.9#





#8

Acenaphthene

Concen: 0.143 ng/ul

RT: 14.53 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

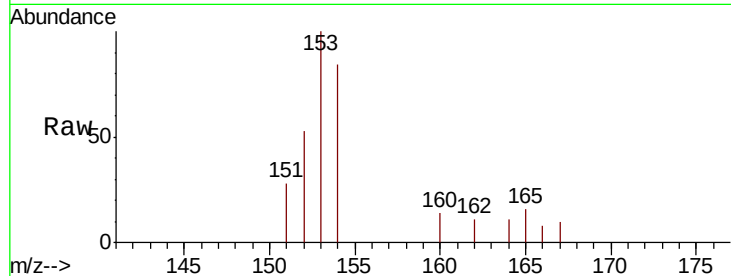
ClientSampled :

F9F86DL

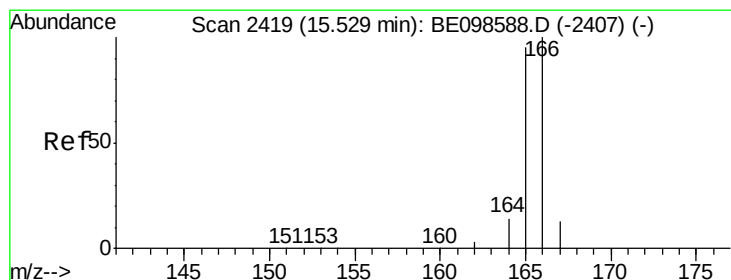
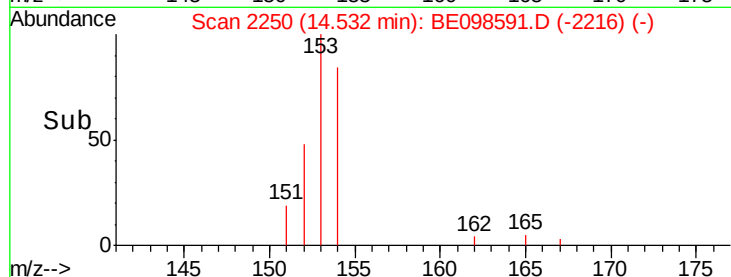
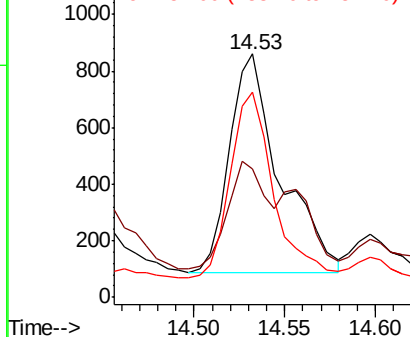
Tot Ion:	153	Resp:	1505
Ion Ratio	Lower	Upper	
153	100		
152	52.7	39.4	59.0
154	84.3	70.5	105.7

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 1.106 ng/ul

RT: 15.52 min Scan# 2419

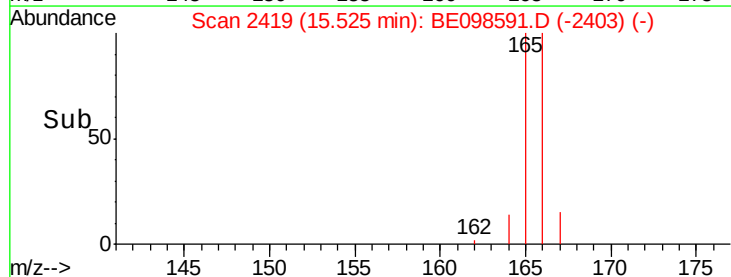
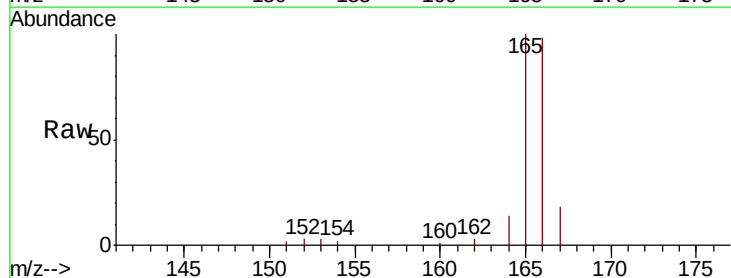
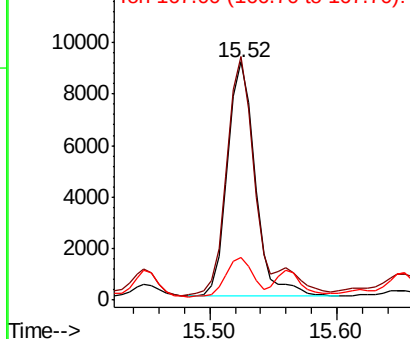
Delta R.T. -0.00 min

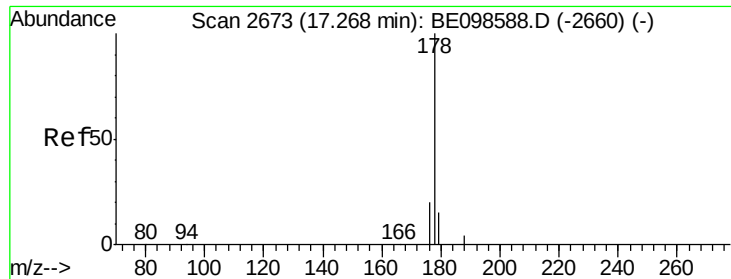
Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion:	166	Resp:	13797
Ion Ratio	Lower	Upper	
166	100		
165	102.3	80.2	120.4
167	17.9	12.0	18.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 15.656 ng/ul m

RT: 17.27 min Scan# 2674

Delta R.T. 0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

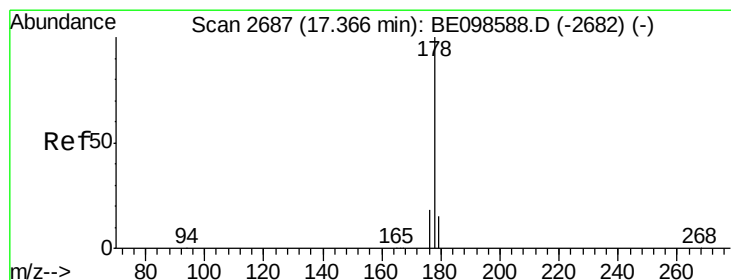
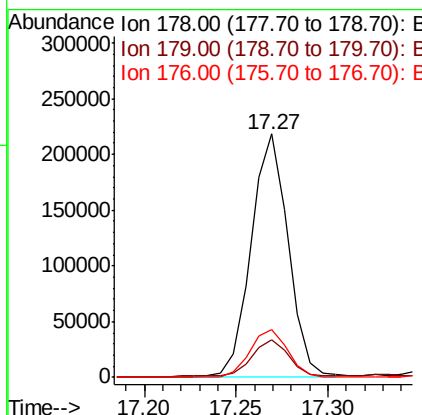
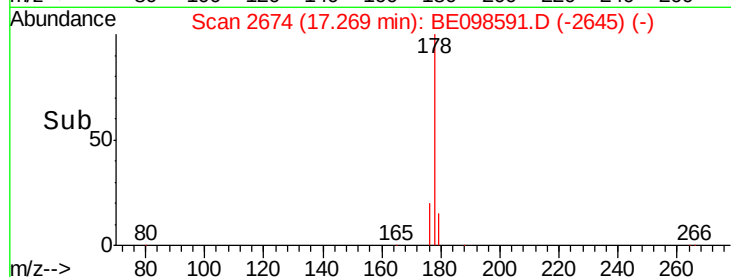
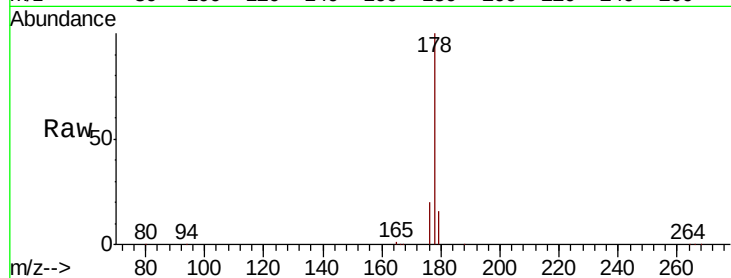
ClientSampled :

F9F86DL

Tot Ion:	178	Resp:	307362
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	19.7	15.7	23.5

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#13

Anthracene

Concen: 0.810 ng/ul m

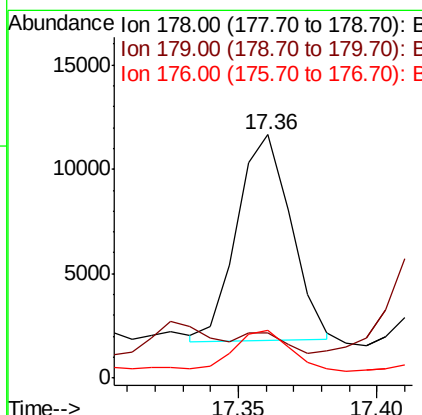
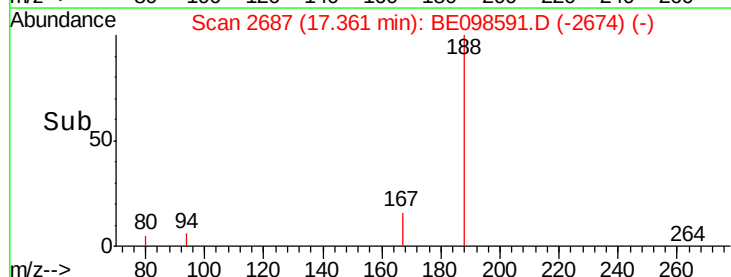
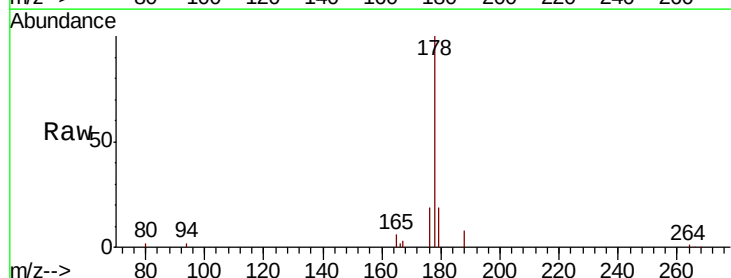
RT: 17.36 min Scan# 2687

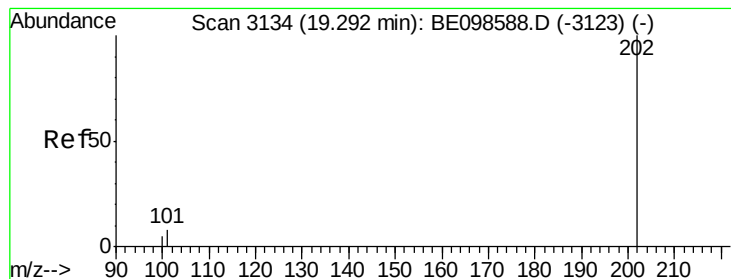
Delta R.T. -0.01 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion:	178	Resp:	13321
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.6	19.0
176	19.4	15.6	23.4





#15

Fluoranthene

Concen: 1.440 ng/ul m

RT: 19.29 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

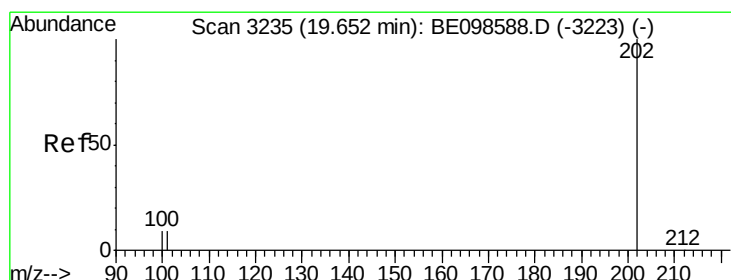
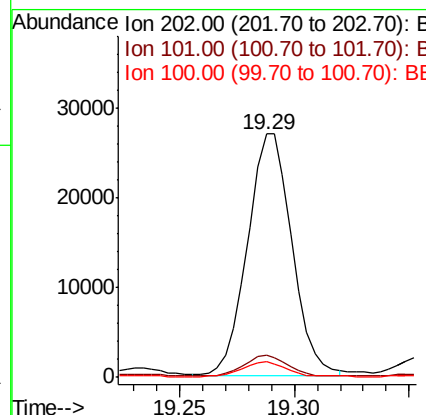
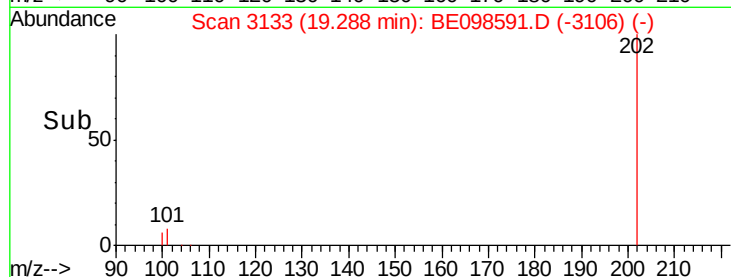
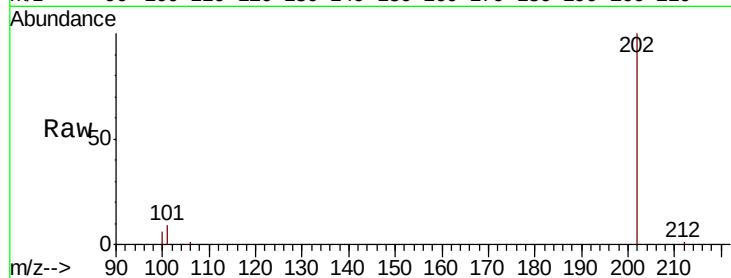
ClientSampleId :

F9F86DL

Tot Ion:	202	Resp:	36476
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	27.5
100	6.5	0.0	26.0

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#17

Pyrene

Concen: 3.742 ng/ul

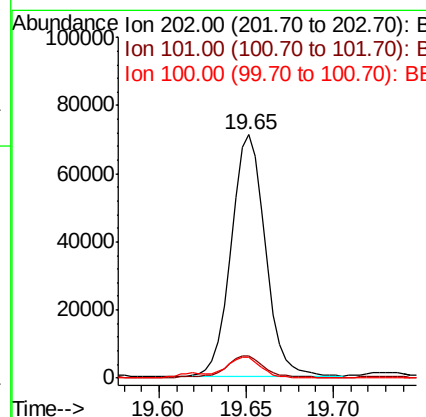
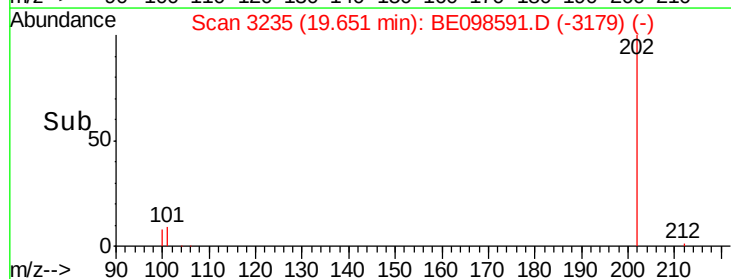
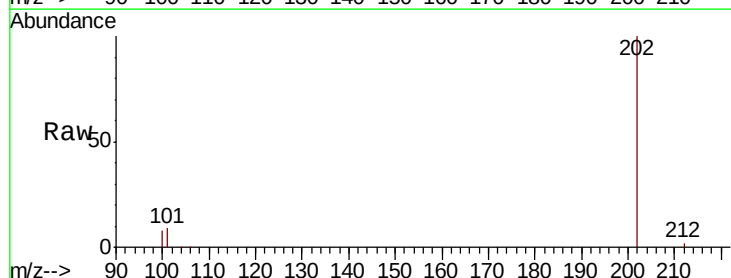
RT: 19.65 min Scan# 3235

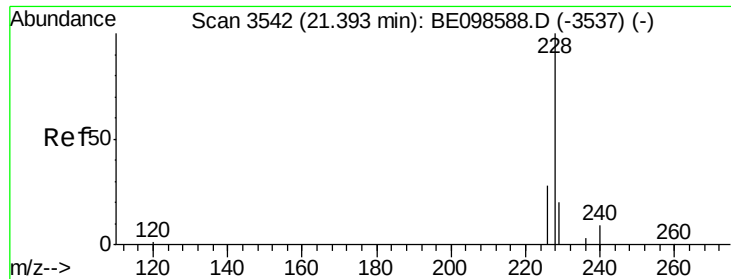
Delta R.T. -0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion:	202	Resp:	95499
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.9	10.3
100	8.5	6.0	9.0





#18

Benzo(a)anthracene

Concen: 1.543 ng/ul m

RT: 21.39 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

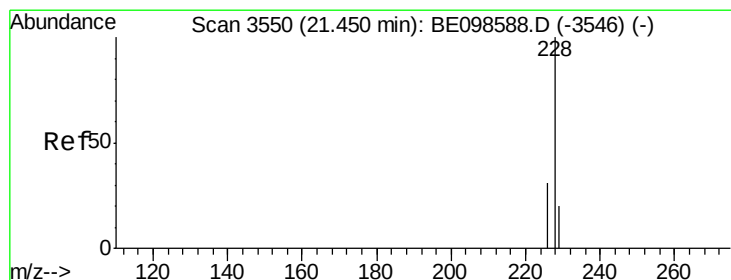
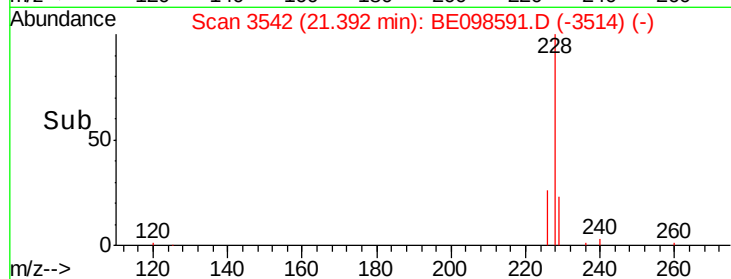
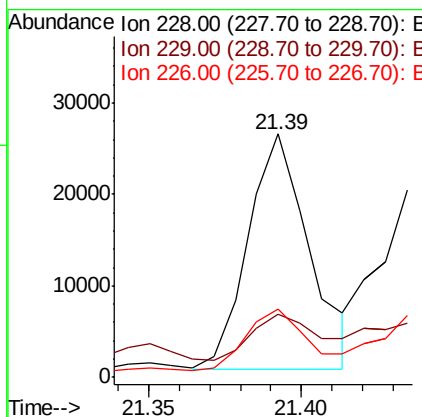
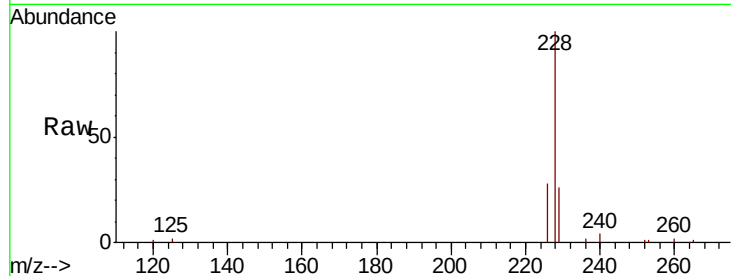
ClientSampleId :

F9F86DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.2	16.1	24.1#
226	28.1	22.2	33.4

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#19

Chrysene

Concen: 2.173 ng/ul m

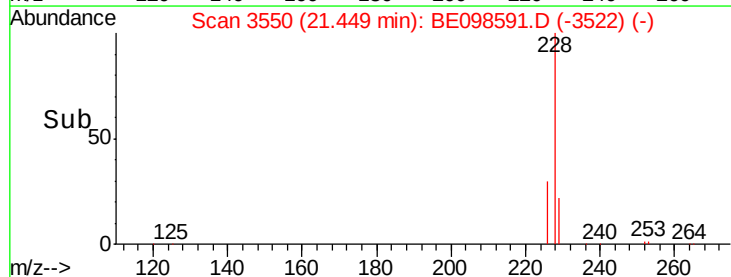
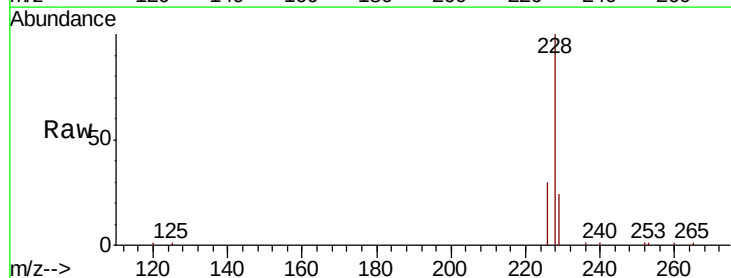
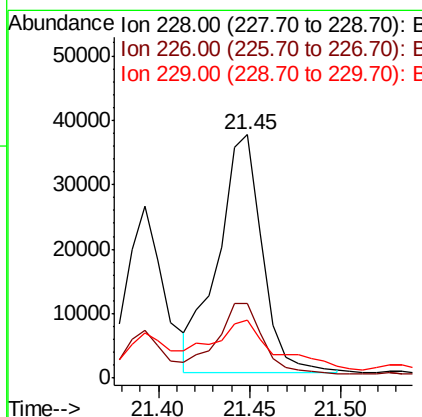
RT: 21.45 min Scan# 3550

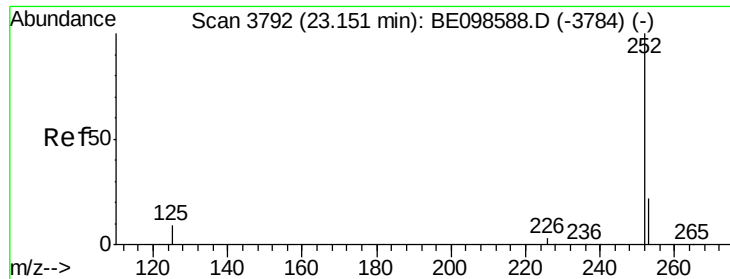
Delta R.T. -0.00 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	23.7	16.4	24.6





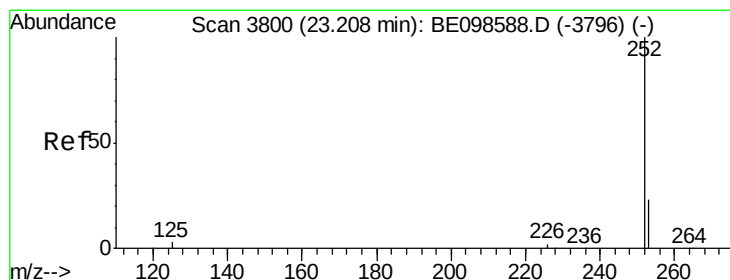
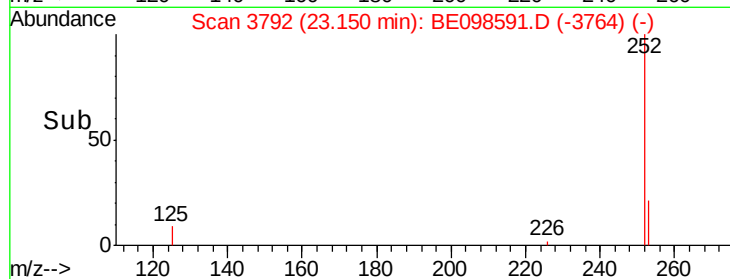
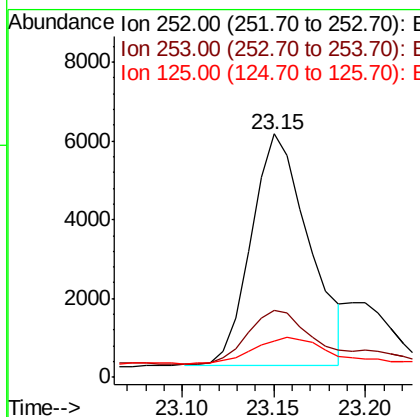
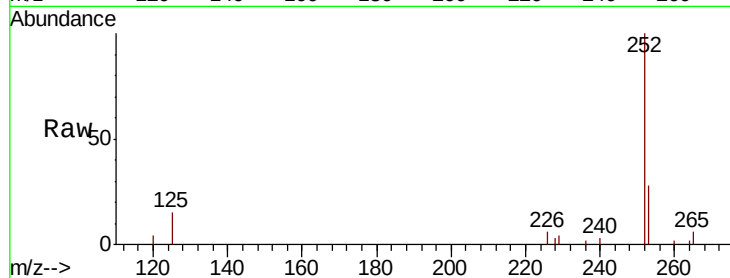
#21
Benzo(b)fluoranthene
Concen: 0.560 ng/ul m
RT: 23.15 min Scan# 3792
Delta R.T. -0.00 min
Lab File: BE098591.D
Acq: 29 Dec 2018 1:26

Instrument :
BNA_E
ClientSampleId :
F9F86DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.7	0.0	47.8
125	15.1	0.0	16.8

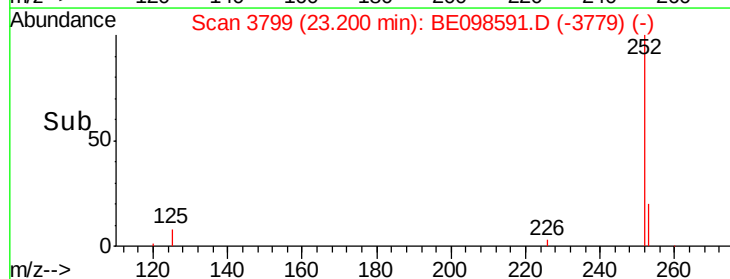
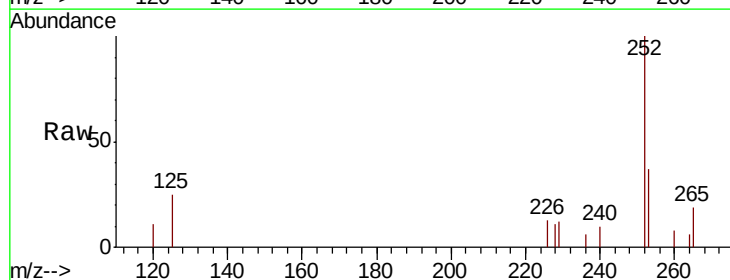
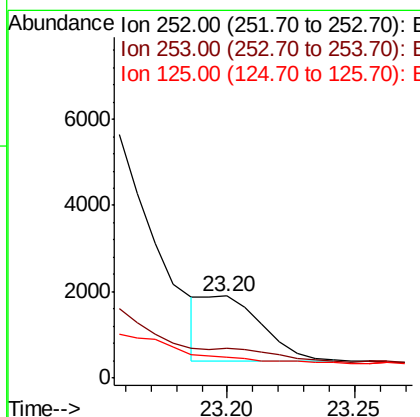
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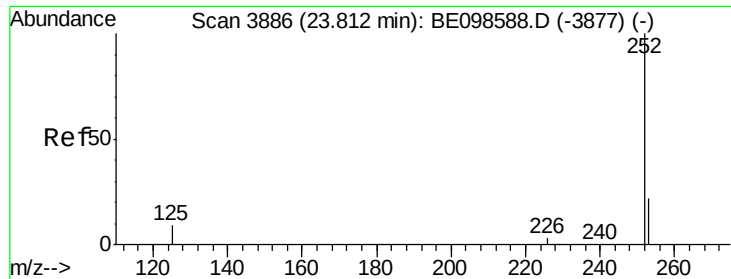
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#22
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.20 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BE098591.D
Acq: 29 Dec 2018 1:26

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	36.6	19.3	28.9#
125	24.9	6.2	9.2#





#23

Benzo(a)pyrene

Concen: 0.465 ng/ul m

RT: 23.80 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Instrument :

BNA_E

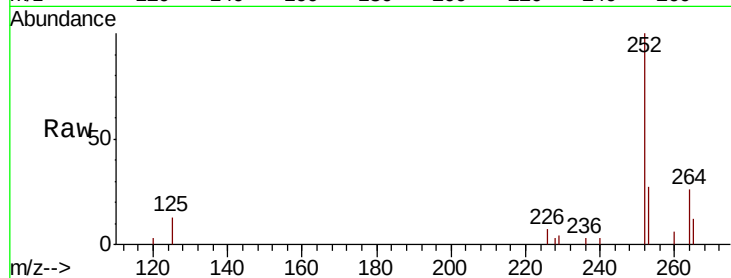
ClientSampleId :

F9F86DL

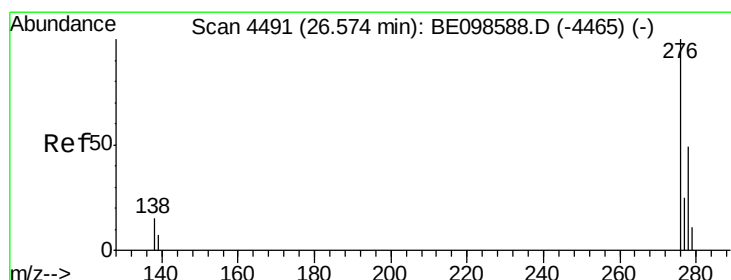
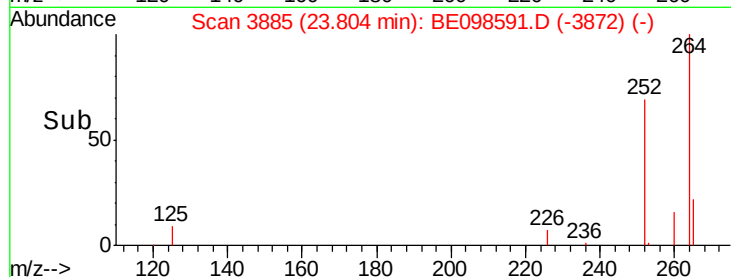
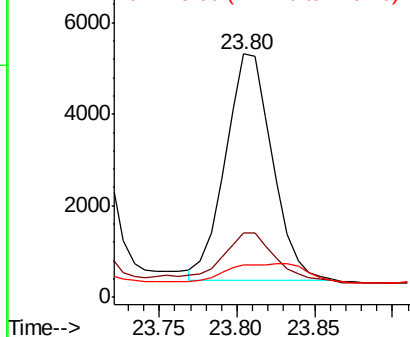
Tot Ion:	252	Resp:	10479
Ion Ratio	Lower	Upper	
252	100		
253	26.6	19.4	29.2
125	13.4	7.8	11.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.152 ng/ul m

RT: 26.56 min Scan# 4487

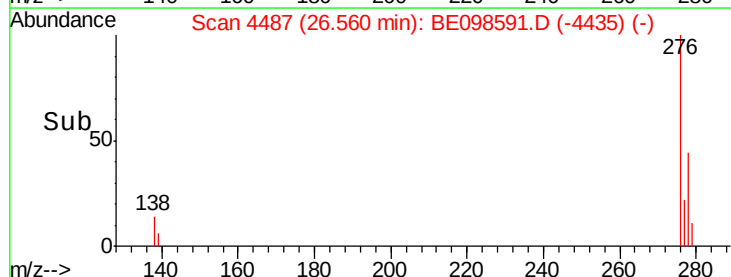
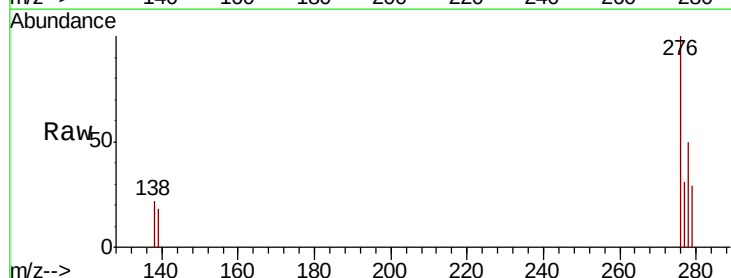
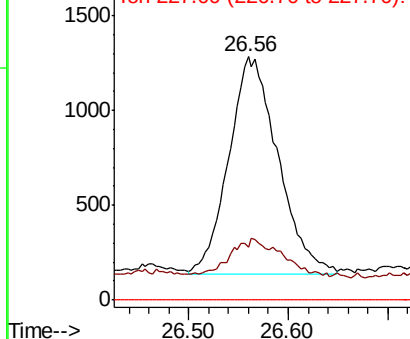
Delta R.T. -0.01 min

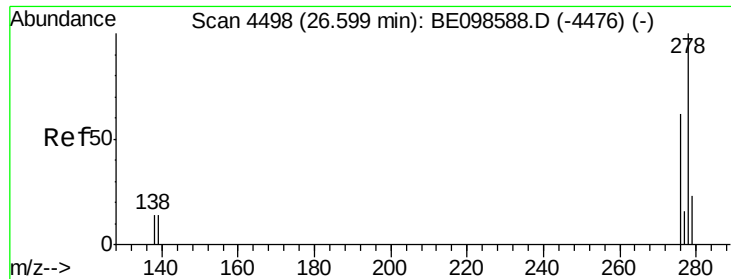
Lab File: BE098591.D

Acq: 29 Dec 2018 1:26

Tgt Ion:	276	Resp:	3944
Ion Ratio	Lower	Upper	
276	100		
138	0.4	11.8	17.8#
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





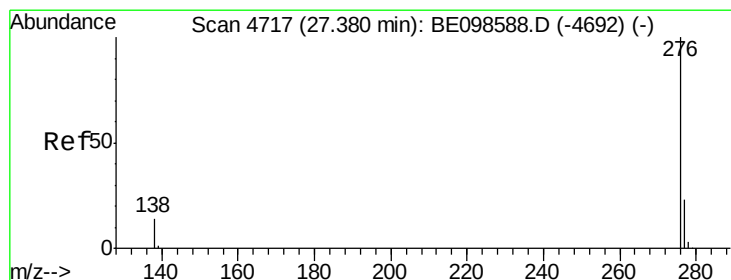
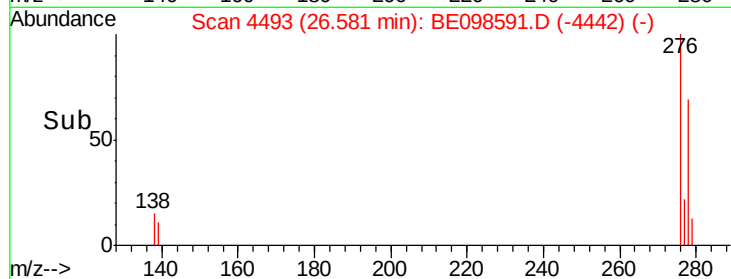
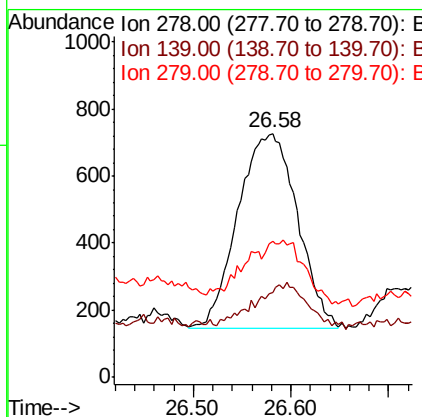
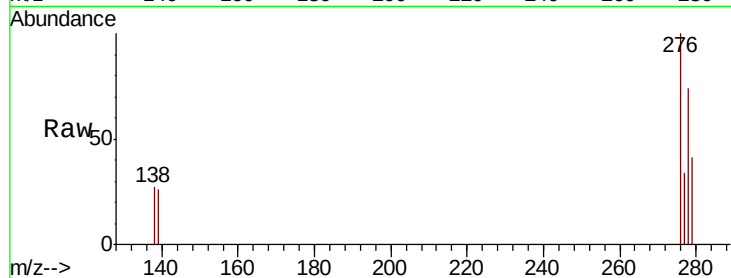
#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul m
RT: 26.58 min Scan# 4493
Delta R.T. -0.02 min
Lab File: BE098591.D
Acq: 29 Dec 2018 1:26

Instrument :
BNA_E
ClientSampled :
F9F86DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.6	10.0	15.0#
279	55.6	20.3	30.5#

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:21 PM



#26
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul m
RT: 27.37 min Scan# 4715
Delta R.T. -0.01 min
Lab File: BE098591.D
Acq: 29 Dec 2018 1:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	11.6	17.4#
277	27.8	20.8	31.2

